



## South Coast Air Quality Management District

### Engineering & Compliance

*Policies &  
Procedures*

#### SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

#### MEMORANDUM

**DATE:** February 11, 1981  
**TO:** Robert J. MacKnight, Director of Permit Services  
**FROM:** William F. Hammond, Engineering Manager /s/ SMW  
**SUBJECT:** NEW SOURCE REVIEW OF CO-GENERATION PROJECTS USING GAS TURBINES

During discussions with Bob MacKnight and Bob Murray on February 9, 1981, the following information was obtained relative to New Source Review interpretations related to co-generation facilities utilizing gas turbines.

1. Both the Calvo Bill (AB-524) and Regulation XIII must be considered in the New Source Review process.
2. BACT for NO<sub>x</sub> control for gas turbines with electric generator ratings of 0.8 megawatts or greater is water or steam injection. Water or steam injection is not required for turbines with less than 0.8 megawatt ratings.
3. BACT for carbon monoxide control has not yet been determined.
4. The Calvo Bill supersedes Regulation XIII and, therefore, offsets only to the extent they are available are required, even though additional offsets would otherwise be required to meet the 150 pounds per day maximum increase limit of Regulation XIII.
5. Due to the definition in Rule 1302(g), not less than 25% of the energy must be concurrently recovered to qualify as a co-generation project notwithstanding the Calvo Bill.

WFH/mmm

cc: R. Murray  
J. Williamson